

Injury - Trauma (Central Nervous System)
Summary of Methods and Data for Estimate of Costs of Illness

- | | |
|---|-----------------|
| 1. Estimated Total Economic Cost | \$ 35.0 billion |
| Estimated Direct Cost | \$ 10.0 billion |
| Estimated Indirect Cost | \$ 25.0 billion |
| Reference Year | 1992 |
| IC Providing the Estimate | NINDS |
| | |
| Direct Costs Include: Other related nonhealth costs | No |
| Indirect Costs Include: | |
| Mortality costs | No |
| Morbidity costs: Lost workdays of the patient | No |
| Morbidity costs: Reduced productivity of the patient | No |
| Lost earnings of unpaid care givers | No |
| Other related nonhealth costs | No |
| Interest Rate Used to Discount Out-Year Costs | Not Available |
| 2. Category code(s) from the International Classification of Diseases, 9th Revision, Clinical Modification, (ICD-9-CM) for all diseases whose costs are included in this estimate: <u>950-957, 054.</u> | |
| 3. Estimate Includes Costs: | |
| Of related conditions beyond primary, strictly coded ICD-9-CM category | No |
| Attributable to the subject disease as a secondary diagnosis | No |
| Of conditions for which the subject disease is an underlying cause | No |
| 4. Population Base for Cost Estimate (Total U.S. pop or other) | Total U.S. pop. |
| 5. Annual (prevalence model) or Lifetime (incidence model) Cost: | Annual |
| 6. Perspective of Cost Estimate (Total society, Federal budget, or Other) | Total Society |
| 7. Approach to Estimation of Indirect Costs | Human Capital |
| 8. <u>Source of Cost Estimate:</u> (Reference published or unpublished report, or address and telephone of person/office responsible for estimate) | |

Direct cost: *Progress and Promise*, 1992, Report of the National Advisory Neurological Disorders and Stroke Council.

Indirect cost: *The Cost of Disorders of the Brain*, 1992, The National Foundation for Brain Research (spinal cord injury only).

NINDS Profile, 1992.

9. Other Indicators of Burden of Disease:

Incidence:	Spinal cord injury -- 10,000/yr	Traumatic brain injury -- 2 million/yr
Prevalence:	Spinal cord injury -- 250,000	Traumatic brain injury -- 1 million
Death Rate		Traumatic brain injury -- ca. 100,000/yr

10. Commentary:

Some data depend heavily on extrapolations from a study by Rutgers University, 1985.